

REINFORCEMENT LEARNING MODEL TRAINING METHODS AND APPARATUSES

ABSTRACT

Embodiments of this specification relate to a reinforcement learning model training method
5 and system, and are applied to a model training system. The model training system includes at
least one training process and at least one inference process. The method includes: obtaining, by
any inference process, a latest model weight, and updating a weight value of the reinforcement
learning model; then, generating response data based on input data by using an updated
reinforcement learning model, forming a training sample based on the input data and the response
10 data, and storing the training sample in a target storage area; obtaining, by any training process,
the training sample from the target storage area; and updating a weight value of the reinforcement
learning model based on the training sample, and sending an updated model weight to each
inference process.

15 FIG. 3